

Listing of Claims:

1. (Currently Amended) A personal cooling element, particularly for patients, with at least one cooling zone, wherein elastic means are provided to pre-tension the cooling zone against the body surface of a person wearing the personal cooling element, wherein the cooling zone is three-layered with an internal layer facing towards the body, an external layer facing away from the body and an evaporation zone arranged therebetween, wherein the internal layer and the external layer each are made from a material that is waterproof and permeable to water vapor, [[and]] wherein water supply means are present to supply the evaporation zone with liquid water, and wherein the internal layer has a thickness of 10 to 20 μm .

2. (Previously Presented) A personal cooling element according to claim 1, wherein the evaporation zone is made from a hydrophilic material.

3. (Previously Presented) A personal cooling element according to claim 1 wherein the evaporation zone comprises a channel system.

4. (Previously Presented) A personal cooling element according to claim 1, wherein the external layer has a thickness of 1 to 5 μm .

5. (Canceled)

6. (Previously Presented) A personal cooling element according to claim 1, wherein the internal layer and the external layer are connected to form a lateral seal of the evaporation zone.

7. (Previously Presented) A personal cooling element according to claim 1, wherein it is formed as a garment.

8. (Previously Presented) A personal cooling element according to claim 1, wherein the cooling zone is formed for a tight fit to at least one selected body part.

9. (Previously Presented) A personal cooling element according to claim 1, wherein the water supply means comprise a water supply system connected to a pump.

10. (Previously Presented) A method of cooling body parts by means of the personal cooling element according to claim 1, wherein personal cooling element is brought into close contact with the skin of a body part to be cooled and is pre-tensioned against the same, and that the evaporation zone is supplied continuously or intermittently with water.

11. (Previously Presented) A personal element according to claim 2, wherein the evaporation zone comprises a channel system.

12. (Previously Presented) A personal cooling element according to claim 3, wherein the external layer has a thickness of 1 to 5 μm .

13. (Canceled)

14. (Canceled)

15. (Previously Presented) A personal cooling element according to claim 3, wherein the internal layer and the external layer are connected to form a lateral seal of the evaporation zone.

16. (Previously Presented) A personal cooling element according to claim 4, wherein the internal layer and the external layer are connected to form a lateral seal of the evaporation zone.

17. (Currently Amended) A personal cooling element according to claim 1[[5]], wherein the internal layer and the external layer are connected to form a lateral seal of the evaporation zone.

18. (Previously Presented) A personal cooling element according to claim 3, the water supply means comprise a water supply system connected to a pump.

19. (Previously Presented) A personal cooling element according to claim 6, the water supply means comprise a water supply system connected to a pump.

20. (Previously Presented) A personal cooling element according to claim 7, the water supply means comprise a water supply system connected to a pump.

21. (New) A personal cooling element, particularly for patients, with at least one cooling zone, wherein elastic means are provided to pre-tension the cooling zone against the body surface of a person wearing the personal cooling element, wherein the cooling zone is three-layered with an internal layer facing towards the body, an external layer facing away from the body and an evaporation zone arranged therebetween, wherein the internal layer and the external layer each are made from a material that is waterproof and permeable to water vapor, wherein water supply means are present to supply the evaporation zone with liquid water, and wherein the external layer has a thickness of 1 to 5 μm .

22. (New) A personal cooling element according to claim 21, wherein the internal layer and the external layer are connected to form a lateral seal of the evaporation zone.

23. (New) A personal cooling element according to claim 22, wherein the internal layer has a thickness of 10 to 20 μm .